STEPPER MOTOR:

#include <Stepper.h>

const int stepsPerRevolution = 200;

Stepper myStepper(stepsPerRevolution, 8, 9, 10, 11);

int stepCount = 0;

void setup() {

}

void loop() {

int sensorReading = analogRead(A0);

int motorSpeed = map(sensorReading, 0, 1023, 0, 250);

if (motorSpeed > 0) {

myStepper.setSpeed(motorSpeed);

myStepper.step(stepsPerRevolution / 100);

}

}

